Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
Data File : VN065712.D
Acq On : 4 Feb 2021 13:01
Operator : JC/MD
Sample : VN0204WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBSD01

Manual Integrations APPROVED
MMDadoda
2/5/2021 10:49:20 AM

Quant Time: Feb 05 02:15:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.624	168	147263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	261744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	229297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	94248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	87311	45.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.14%			
35) Dibromofluoromethane	7.547	113	74598	48.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.18%			
50) Toluene-d8	10.058	98	282849	46.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.78%			
62) 4-Bromofluorobenzene	12.373	95	102986	46.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	29392	17.82	ug/l	100
3) Chloromethane	2.036	50	44438	18.33	ug/l	98
4) Vinyl Chloride	2.168	62	45128	18.38	ug/l	99
5) Bromomethane	2.541	94	28100	19.78	ug/l	100
6) Chloroethane	2.679	64	26653	18.77	ug/l	96
7) Trichlorofluoromethane	2.994	101	47336	18.45	ug/l	100
8) Diethyl Ether	3.380	74	23277	19.03	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.717	101	30093	19.32	ug/l	93
10) Methyl Iodide	3.907	142	43230	18.94	ug/l	96
11) Tert butyl alcohol	4.769	59	29797	82.11	ug/l	97
12) 1,1-Dichloroethene	3.698	96	30279	16.89	ug/l	91
13) Acrolein	3.573	56	20316	78.18	ug/l	97
14) Allyl chloride	4.274	41	59457	17.89	ug/l	90
15) Acrylonitrile	4.939	53	87886	92.96	ug/l	97
16) Acetone	3.785	43	65259	86.53	ug/l	99
17) Carbon Disulfide	4.007	76	86795	15.38	ug/l	99
18) Methyl Acetate	4.290	43	40341	19.09	ug/l	96
19) Methyl tert-butyl Ether	4.997	73	109648	18.32	ug/l	94
20) Methylene Chloride	4.502	84	37898	18.15	ug/l	98
21) trans-1,2-Dichloroethene	4.988	96	33475	17.57	ug/l	91
22) Diisopropyl ether	5.904	45	127366	18.75	ug/l	98
23) Vinyl Acetate	5.846	43	488608	90.04	ug/l	99
24) 1,1-Dichloroethane	5.798	63	66629	18.40	ug/l	98
25) 2-Butanone	6.795	43	106545	90.09	ug/l	95
26) 2,2-Dichloropropane	6.775	77	50046	17.27	ug/l	100
27) cis-1,2-Dichloroethene	6.778	96	40000	18.32	ug/l	93
28) Bromochloromethane	7.145	49	25161	16.54	ug/l	83
29) Tetrahydrofuran	7.171	42	74283	86.60	ug/l	96
30) Chloroform	7.328	83	61927	18.57	ug/l	97
31) Cyclohexane	7.611	56	61505	16.88	ug/l	93
32) 1,1,1-Trichloroethane	7.528	97	47750	17.59	ug/l	97
36) 1,1-Dichloropropene	7.749	75	48956	18.59	ug/l	97
37) Ethyl Acetate	6.888	43	47157	18.66	ug/l	99
38) Carbon Tetrachloride	7.730	117	39529	18.23	ug/l	98
39) Methylcyclohexane	9.042	83	54776	17.04	ug/l	96
40) Benzene	8.000	78	152248	18.93	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.126	41	22928	16.90	ug/l	#	100
42) 1,2-Dichloroethane	8.084	62	48060	19.82	ug/l		99
43) Isopropyl Acetate	8.126	43	79995	17.85	ug/l		98
44) Trichloroethene	8.801	130	37990	19.47	ug/l		98
45) 1,2-Dichloropropane	9.084	63	42802	19.34	ug/l		98
46) Dibromomethane	9.174	93	24100	19.71	ug/l		93
47) Bromodichloromethane	9.367	83	47578	18.14	ug/l		99
48) Methyl methacrylate	9.167	41	37469	17.63	ug/l		93
49) 1,4-Dioxane	9.177	88	12968	377.02	ug/l		91
51) 4-Methyl-2-Pentanone	9.952	43	228902	92.67	ug/l		99
52) Toluene	10.122	92	92440	19.40	ug/l		97
53) t-1,3-Dichloropropene	10.351	75	54997	18.01	ug/l		97
54) cis-1,3-Dichloropropene	9.804	75	62774	18.45	ug/l		97
55) 1,1,2-Trichloroethane	10.531	97	36323	19.99	ug/l		95
56) Ethyl methacrylate	10.399	69	56032	18.65	ug/l	#	94
57) 1,3-Dichloropropane	10.675	76	64074	20.03	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.659	63	117595	84.72	ug/l		95
59) 2-Hexanone	10.720	43	154612	90.16	ug/l		97
60) Dibromochloromethane	10.872	129	34808	18.74	ug/l		100
61) 1,2-Dibromoethane	10.974	107	34944	19.29	ug/l		98
64) Tetrachloroethene	10.601	164	37302	19.41	ug/l		98
65) Chlorobenzene	11.402	112	95183	19.84	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.479	131	32725	19.30	ug/l		96
67) Ethyl Benzene	11.479	91	169097	18.77	ug/l		98
68) m/p-Xylenes	11.592	106	124873	38.28	ug/l		98
69) o-Xylene	11.917	106	60357	19.09	ug/l		96
70) Styrene	11.933	104	100571	19.33	ug/l		98
71) Bromoform	12.097	173	21109	18.01	ug/l	#	98
73) Isopropylbenzene	12.219	105	159442	19.32	ug/l		100
74) N-amyl acetate	12.042	43	62532	17.91	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.473	83	47721	19.58	ug/l		98
76) 1,2,3-Trichloropropane	12.524	75	46149m	18.73	ug/l		
77) Bromobenzene	12.495	156	35869	20.07	ug/l		81
78) n-propylbenzene	12.560	91	180525	18.56	ug/l		97
79) 2-Chlorotoluene	12.643	91	110931	19.21	ug/l		96
80) 1,3,5-Trimethylbenzene	12.704	105	134169	19.10	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.270	75	15691	16.31	ug/l		94
82) 4-Chlorotoluene	12.743	91	111510	18.91	ug/l		96
83) tert-Butylbenzene	12.965	119	110324	18.83	ug/l		98
84) 1,2,4-Trimethylbenzene	13.010	105	135157	19.29	ug/l		100
85) sec-Butylbenzene	13.142	105	145157	18.35	ug/l		97
86) p-Isopropyltoluene	13.257	119	130499	18.68	ug/l		99
87) 1,3-Dichlorobenzene	13.254	146	61407	19.28	ug/l		97
88) 1,4-Dichlorobenzene	13.334	146	61374	18.99	ug/l		97
89) n-Butylbenzene	13.585	91	109317	17.42	ug/l		99
90) Hexachloroethane	13.842	117	21228	17.37	ug/l		95
91) 1,2-Dichlorobenzene	13.624	146	62134	19.66	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	7809	16.15	ug/l		95
93) 1,2,4-Trichlorobenzene	14.881	180	28400	17.20	ug/l		98
94) Hexachlorobutadiene	14.977	225	14234	18.36	ug/l		96
95) Naphthalene	15.100	128	84269	16.30	ug/l		100
96) 1,2,3-Trichlorobenzene	15.280	180	29970	17.83	ug/l		98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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